# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 15 | (382/264,266-268,275 358/3.06-3.2).ccls. and ((low with pass with filter) and (half$ton$4 halftone half-tone) and (boundar$4 edge gradient)).clm. | US-PGPUB; USPAT | OR | ON | 2007/10/18 18:38 |
| S1 | 994 | 358/3.06-3.2.ccls. | USPAT | OR | OFF | 2007/08/29 13:02 |
| S2 | 786 | 358/3.06-3.2.ccls. and half$ton$ | USPAT | OR | OFF | 2007/03/21 15:54 |
| S3 | 496 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) | USPAT | OR | ON | 2006/10/25 13:28 |
| S4 | 147 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) and con$ton$ | USPAT | OR | ON | 2006/10/25 13:29 |
| S5 | 96 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) and con$ton$ and (brightness lumin$nce intensity) | USPAT | OR | ON | 2006/10/25 13:32 |
| S6 | 3 | 358/3.06-3.2.ccls. and half$ton$ same (boundary edge) same con$ton$ same (brightness lumin$nce intensity) | USPAT | OR | ON | 2006/10/25 14:43 |
| S7 | 51 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) and con$ton$ and (brightness lumin$nce intensity) and filter$ | USPAT | OR | ON | 2006/10/26 17:04 |
| S8 | 15 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) and con$ton$ and (brightness lumin$nce intensity) and filter$ same low$pass | USPAT | OR | ON | 2006/10/25 13:45 |
| S9 | 7 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) same (brightness lumin$nce intensity) and filter$ same low$pass | USPAT | OR | ON | 2006/10/25 14:04 |
| S10 | 9 | half$ton$ same (boundary edge) same con$ton$ same (brightness lumin$nce intensity) | USPAT | OR | ON | 2006/10/25 15:41 |
| S11 | 18 | half$ton$ and (boundary edge) same (brightness lumin$nce intensity gr$y$scal$) same low$pass with filter$ | USPAT | OR | ON | 2006/10/26 18:05 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S12 | 38 | ("4032978" \| "4142462" \| "4188225" \| "4217822" \| "4278755" \| "4336558" \| "4611349" \| "4633327" \| "4673971" \| "4758886" \| "4786975" \| "4821334" \| "4903123" \| "4916545" \| "4926267" \| "4942480" \| "4977458" \| "4987496" \| "5109282" \| "5243443" \| "5274473" \| "5277895" \| "5313309" \| "5337162" \| "5381247" \| "5408337" \| "5422742" \| "5426519" \| "5463471" \| "5477305" \| "5493416" \| "5526445" \| "5543941" \| "5548407" \| "5572600" \| "5587811" \| "5668638" \| "5680222").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/25 16:04 |
| S13 | 0 | 10/612,060 | USPAT | OR | ON | 2006/10/26 15:57 |
| S14 | 1 | 10/612,060 | US-PGPUB; USPAT | OR | ON | 2006/10/26 15:58 |
| S15 | 2 | 358/3.06-3.2.ccls. and half$ton$ and (boundary edge) and con$ton$ and (brightness lumin$nce intensity) and filter$ and error with map | USPAT | OR | ON | 2006/10/26 17:09 |
| S16 | 10 | low$pass with filter$ same error with map | USPAT | OR | ON | 2006/10/26 18:10 |
| S17 | 3 | 382/???.ccls. and halftone and filter$ same error with map | USPAT | OR | ON | 2006/10/26 18:10 |
| S18 | 3 | 382/???.ccls. and half$tone and filter$ same error with map | USPAT | OR | ON | 2006/10/26 18:11 |
| S19 | 826 | 358/3.06-3.2.ccls. and half$ton$ | USPAT | OR | OFF | 2007/03/21 15:53 |
| S20 | 484 | 358/3.06-3.2.ccls. and half$ton$ with (boundar$ edge step section portion) | USPAT | OR | OFF | 2007/03/21 15:55 |
| S21 | 484 | 358/3.06-3.2.ccls. and half$ton$ with (boundar$ edge step section portion) | USPAT | OR | OFF | 2007/03/21 15:55 |
| S22 | 588 | 358/3.06-3.2.ccls. and half$ton$ with (boundar$ edge step section portion) | USPAT | OR | ON | 2007/03/21 15:55 |
| S23 | 53 | 358/3.06-3.2.ccls. and half$ton$ with (boundar$ edge step section portion) and (brightness lumin$nce) same (differ$5 deviat$6) | USPAT | OR | ON | 2007/03/21 15:58 |
| S24 | 39 | 358/3.06-3.2.ccls. and half$ton$ with (boundar$ edge section portion) and (brightness lumin$nce) same (differ$5 deviat$6) | USPAT | OR | ON | 2007/03/21 17:26 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S25 | 103 | 358/3.06-3.2.ccls. and half$ton$ same (boundar$ edge section portion) same (adjust$ enhanc$) | USPAT | OR | ON | 2007/03/21 17:27 |
| S26 | 186 | (382/??? 358/3.06-3.2).ccls. and half$ton$ same (boundar$ edge) same (adjust$ enhanc$) | USPAT | OR | ON | 2007/03/21 17:28 |
| S27 | 10 | (382/??? 358/3.06-3.2).ccls. and half$ton$ same (boundar$ edge) same (adjust$ enhanc$) same (brightness lumin$nce) | USPAT | OR | ON | 2007/03/21 17:28 |
| S28 | 4 | ("5822469").URPN. | USPAT | OR | OFF | 2007/03/21 18:21 |
| S29 | 72 | half$ton$4 with (multiple plurality various) same (portion area) same (edge boundary gradient) | USPAT | OR | ON | 2007/08/29 13:04 |
| S30 | 110 | half$ton$4 with (multiple plurality various) same (portion area) same (edge boundary gradient) | US-PGPUB; USPAT | OR | ON | 2007/08/29 16:11 |
| S31 | 3 | "5,200,831".pn. "5,694,224".pn. "5,956,157".pn. | US-PGPUB; USPAT | OR | ON | 2007/08/29 14:57 |
| S32 | 10 | ("5956157").URPN. | USPAT | OR | OFF | 2007/08/29 15:07 |
| S33 | 2 | S32 and filter | USPAT | OR | OFF | 2007/08/29 15:56 |
| S34 | 1 | "6209922".pn. | USPAT | OR | OFF | 2007/08/29 15:56 |
| S35 | 6 | half$ton$4 with (multiple plurality various) same (portion area) same (edge boundary gradient) and low$pass | US-PGPUB; USPAT | OR | ON | 2007/08/29 16:53 |
| S36 | 1 | half$ton$4 with con$tone same compar$5 same error same map | US-PGPUB; USPAT | OR | ON | 2007/08/29 17:28 |
| S37 | 1 | half$ton$4 with con$tone same compar$5 same (error difference) same map | US-PGPUB; USPAT | OR | ON | 2007/08/29 17:28 |
| S38 | 15 | half$ton$4 with con$tone same compar$5 same (error difference) same (map pixel) | US-PGPUB; USPAT | OR | ON | 2007/08/29 18:08 |
| S39 | 236 | low$pass with cut$off with frequency same (edge boundary gradient) | US-PGPUB; USPAT | OR | ON | 2007/08/29 18:09 |
| S40 | 2 | low$pass with cut$off with frequency same (edge boundary gradient) same half$ton$4 | US-PGPUB; USPAT | OR | ON | 2007/08/29 18:11 |
| S41 | 10 | low$pass with cut$off with frequency same (edge boundary gradient) and half$ton$4 | US-PGPUB; USPAT | OR | ON | 2007/08/29 18:13 |

# EAST Search History

| S42 | 0 | low$pass with cut$off with frequency same (edge boundary gradient) with (supress$ blur$ blend$) | US-PGPUB; USPAT | OR | ON | 2007/08/29 18:14 |
|-----|-----|------------------------------------------------------------------------------------------------|-----------------|-----|-----|-------------------|
| S43 | 1 | "5956157".pn. | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:03 |
| S44 | 10 | ("5956157").URPN. | USPAT | OR | OFF | 2007/08/30 13:03 |